

Sanitary Facilities

(The information in this report indicates the dominant soil condition but does not eliminate the need for onsite investigation)

| Map symbol and soil name | Septic tank absorption field | Sewage lagoons | Sanitary landfill (trench) | Sanitary landfill (area) | Daily cover for landfill |
|--------------------------|---|--|---|--|---|
| | Limitation | Limitation | Limitation | Limitation | Limitation |
| AcD: Aguilita----- | Limited ~slope (limited) ~percs slowly (slightly limited) | Very limited ~slope (very limited) ~seepage (moderately limited) | Limited ~slope (limited) ~too clayey (limited) | Limited ~slope (limited) | Limited ~slope (limited) ~too clayey (moderately limited) |
| AcE: Aguilita----- | Very limited ~slope (very limited) ~percs slowly (slightly limited) | Very limited ~slope (very limited) ~seepage (moderately limited) | Very limited ~slope (very limited) | Very limited ~slope (very limited) | Very limited ~slope (very limited) ~too clayey (moderately limited) |
| Ag: Aguirre----- | Very limited ~wetness (very limited) ~percs slowly (very limited) | Very limited ~wetness (very limited) | Very limited ~wetness (very limited) ~excess sodium (very limited) ~too clayey (very limited) | Very limited ~wetness (very limited) | Very limited ~wetness (very limited) ~excess sodium (very limited) ~too clayey (very limited) |
| AmB: Amelia----- | Slightly limited ~percs slowly (slightly limited) | Moderately limited ~seepage (moderately limited) ~slope (moderately limited) | Limited ~too clayey (limited) | Not limited | Limited ~small stones (limited) ~too clayey (moderately limited) |
| Maguayo----- | Slightly limited ~percs slowly (slightly limited) | Moderately limited ~seepage (moderately limited) ~slope (moderately limited) | Limited ~too clayey (limited) | Not limited | Moderately limited ~too clayey (moderately limited) |

Lajas Valley Area, Puerto Rico: Detailed Soil Map Legend

Sanitary Facilities--Continued

| Map symbol and soil name | Septic tank absorption field | Sewage lagoons | Sanitary landfill (trench) | Sanitary landfill (area) | Daily cover for landfill |
|--------------------------|---|--|--|--|--|
| | Limitation | Limitation | Limitation | Limitation | Limitation |
| AmC2: | | | | | |
| Amelia----- | Slightly limited ~percs slowly (slightly limited) ~slope (slightly limited) | Very limited ~slope (very limited) ~seepage (moderately limited) | Limited ~too clayey (limited) ~slope (slightly limited) | Slightly limited ~slope (slightly limited) | Limited ~small stones (limited) ~too clayey (moderately limited) ~slope (slightly limited) |
| Maguayo----- | Slightly limited ~percs slowly (slightly limited) ~slope (slightly limited) | Very limited ~slope (very limited) ~seepage (moderately limited) | Limited ~too clayey (limited) ~slope (slightly limited) | Slightly limited ~slope (slightly limited) | Moderately limited ~too clayey (moderately limited) ~slope (slightly limited) |
| Ao: | | | | | |
| Amelia----- | Slightly limited ~percs slowly (slightly limited) | Moderately limited ~seepage (moderately limited) ~slope (moderately limited) | Limited ~too clayey (limited) | Not limited | Limited ~small stones (limited) ~too clayey (moderately limited) |
| AsB: | | | | | |
| Bahia----- | Very limited ~poor filter (very limited) | Very limited ~seepage (very limited) ~slope (moderately limited) | Limited ~seepage (limited) ~too sandy (moderately limited) | Very limited ~seepage (very limited) | Very limited ~seepage (very limited) ~too sandy (moderately limited) |
| Ca: | | | | | |
| Cartagena----- | Limited ~percs slowly (limited) ~wetness (limited) | Very limited ~wetness (very limited) | Very limited ~excess sodium (very limited) ~too clayey (limited) ~wetness (moderately limited) | Slightly limited ~wetness (slightly limited) | Very limited ~excess sodium (very limited) ~too clayey (limited) ~hard to pack (limited) |

Sanitary Facilities--Continued

| Map symbol and soil name | Septic tank absorption field | Sewage lagoons | Sanitary landfill (trench) | Sanitary landfill (area) | Daily cover for landfill |
|-------------------------------|---|---|--|---|--|
| ----- | ----- | ----- | ----- | ----- | ----- |
| | Limitation | Limitation | Limitation | Limitation | Limitation |
| Cc: Cartagena variant----- | Limited ~percs slowly (limited) ~wetness (limited) | Very limited ~wetness (very limited) | Limited ~too clayey (limited) ~wetness (moderately limited) | Slightly limited ~wetness (slightly limited) | Limited ~too clayey (limited) ~hard to pack (limited) |
| Co: Coastal beach----- | Not rated | Not rated | Not rated | Not rated | Not rated |
| DeC: Descalabrado----- | Very limited ~depth to bedrock (very limited) | Very limited ~depth to bedrock (very limited) ~seepage (very limited) ~slope (very limited) | Very limited ~depth to bedrock (very limited) ~too clayey (moderately limited) | Very limited ~depth to bedrock (very limited) | Very limited ~depth to bedrock (very limited) ~hard to pack (limited) ~too clayey (moderately limited) |
| DeD: Descalabrado----- | Very limited ~depth to bedrock (very limited) ~slope (very limited) | Very limited ~slope (very limited) ~depth to bedrock (very limited) ~seepage (very limited) | Very limited ~depth to bedrock (very limited) ~slope (very limited) ~too clayey (moderately limited) | Very limited ~depth to bedrock (very limited) ~slope (very limited) | Very limited ~depth to bedrock (very limited) ~slope (very limited) ~hard to pack (limited) |
| DeF: Descalabrado----- | Very limited ~depth to bedrock (very limited) ~slope (very limited) | Very limited ~slope (very limited) ~depth to bedrock (very limited) ~seepage (very limited) | Very limited ~slope (very limited) ~depth to bedrock (very limited) | Very limited ~depth to bedrock (very limited) ~slope (very limited) | Very limited ~depth to bedrock (very limited) ~slope (very limited) ~hard to pack (limited) |

Lajas Valley Area, Puerto Rico: Detailed Soil Map Legend

Sanitary Facilities--Continued

| Map symbol and soil name | Septic tank absorption field | Sewage lagoons | Sanitary landfill (trench) | Sanitary landfill (area) | Daily cover for landfill |
|--------------------------|---|--|--|-----------------------------|--|
| ----- | ----- | ----- | ----- | ----- | ----- |
| Fe: | Limitation | Limitation | Limitation | Limitation | Limitation |
| Fe----- | Very limited ~percs slowly (very limited) ~wetness (slightly limited) | Not limited | Very limited ~excess sodium (very limited) ~too clayey (limited) ~wetness (slightly limited) | Not limited | Very limited ~excess sodium (very limited) ~too clayey (limited) ~hard to pack (limited) |
| FrA: | | | | | |
| Fraternidad----- | Limited ~percs slowly (limited) | Not limited | Limited ~too clayey (limited) | Not limited | Limited ~too clayey (limited) ~hard to pack (limited) |
| FrB: | | | | | |
| Fraternidad----- | Limited ~percs slowly (limited) | Moderately limited ~slope (moderately limited) | Limited ~too clayey (limited) | Not limited | Limited ~too clayey (limited) ~hard to pack (limited) |
| Ft: | | | | | |
| Fraternidad----- | Limited ~percs slowly (limited) | Not limited | Limited ~too clayey (limited) | Not limited | Limited ~too clayey (limited) ~hard to pack (limited) |
| FvA: | | | | | |
| Fraternidad----- | Limited ~percs slowly (limited) | Not limited | Limited ~too clayey (limited) | Not limited | Limited ~too clayey (limited) ~hard to pack (limited) |

Lajas Valley Area, Puerto Rico: Detailed Soil Map Legend

Sanitary Facilities--Continued

| Map symbol and soil name | Septic tank absorption field | Sewage lagoons | Sanitary landfill (trench) | Sanitary landfill (area) | Daily cover for landfill |
|--------------------------|---|---|--|---|---|
| ----- | ----- | ----- | ----- | ----- | ----- |
| FvB: | Limitation | Limitation | Limitation | Limitation | Limitation |
| Fraternidad----- | Limited ~percs slowly (limited) | Moderately limited ~slope (moderately limited) | Limited ~too clayey (limited) | Not limited | Limited ~too clayey (limited) ~hard to pack (limited) |
| Gc: | | | | | |
| Guanica----- | Very limited ~wetness (very limited) ~percs slowly (very limited) | Very limited ~wetness (very limited) | Very limited ~wetness (very limited) ~excess sodium (very limited) ~too clayey (very limited) | Very limited ~wetness (very limited) | Very limited ~wetness (very limited) ~excess sodium (very limited) ~too clayey (very limited) |
| Gf: | | | | | |
| Guayabo----- | Very limited ~poor filter (very limited) | Very limited ~seepage (very limited) ~slope (slightly limited) | Very limited ~too sandy (very limited) ~seepage (very limited) | Very limited ~seepage (very limited) | Very limited ~seepage (very limited) ~too sandy (very limited) |
| GuD: | | | | | |
| Guayama----- | Very limited ~depth to bedrock (very limited) ~slope (limited) | Very limited ~depth to bedrock (very limited) ~slope (very limited) | Very limited ~depth to bedrock (very limited) ~slope (limited) ~too clayey (moderately limited) | Very limited ~depth to bedrock (very limited) ~slope (limited) | Very limited ~depth to bedrock (very limited) ~slope (limited) ~hard to pack (limited) |
| GuF: | | | | | |
| Guayama----- | Very limited ~depth to bedrock (very limited) ~slope (very limited) | Very limited ~slope (very limited) ~depth to bedrock (very limited) | Very limited ~slope (very limited) ~depth to bedrock (very limited) ~too clayey (moderately limited) | Very limited ~depth to bedrock (very limited) ~slope (very limited) | Very limited ~depth to bedrock (very limited) ~slope (very limited) ~hard to pack (limited) |

Sanitary Facilities--Continued

| Map symbol and soil name | Septic tank absorption field | Sewage lagoons | Sanitary landfill (trench) | Sanitary landfill (area) | Daily cover for landfill |
|--------------------------|--|---|--|---|--|
| | Limitation | Limitation | Limitation | Limitation | Limitation |
| JaB: Jacana----- | Very limited ~percs slowly (very limited) ~depth to bedrock (very limited) | Very limited ~depth to bedrock (very limited) ~slope (moderately limited) | Very limited ~depth to bedrock (very limited) ~too clayey (limited) | Very limited ~depth to bedrock (very limited) | Very limited ~depth to bedrock (very limited) ~hard to pack (limited) ~too clayey (limited) |
| JaC: Jacana----- | Very limited ~depth to bedrock (very limited) ~percs slowly (limited) ~slope (slightly limited) | Very limited ~depth to bedrock (very limited) ~slope (very limited) | Very limited ~depth to bedrock (very limited) ~too clayey (limited) ~slope (slightly limited) | Very limited ~depth to bedrock (very limited) ~slope (slightly limited) | Very limited ~depth to bedrock (very limited) ~hard to pack (limited) ~too clayey (limited) |
| JaC2: Jacana----- | Very limited ~percs slowly (very limited) ~depth to bedrock (very limited) ~slope (slightly limited) | Very limited ~depth to bedrock (very limited) ~slope (very limited) | Very limited ~depth to bedrock (very limited) ~too clayey (limited) ~slope (slightly limited) | Very limited ~depth to bedrock (very limited) ~slope (slightly limited) | Very limited ~depth to bedrock (very limited) ~too clayey (limited) ~slope (slightly limited) |
| JaD2: Jacana----- | Very limited ~depth to bedrock (very limited) ~slope (very limited) | Very limited ~slope (very limited) ~depth to bedrock (very limited) ~seepage (very limited) | Very limited ~depth to bedrock (very limited) ~slope (very limited) ~too clayey (moderately limited) | Very limited ~depth to bedrock (very limited) ~slope (very limited) | Very limited ~depth to bedrock (very limited) ~slope (very limited) ~too clayey (slightly limited) |

Lajas Valley Area, Puerto Rico: Detailed Soil Map Legend

Sanitary Facilities--Continued

| Map symbol and soil name | Septic tank absorption field | Sewage lagoons | Sanitary landfill (trench) | Sanitary landfill (area) | Daily cover for landfill |
|--------------------------|--|--|---|---|---|
| ----- | ----- | ----- | ----- | ----- | ----- |
| JcB: | Limitation | Limitation | Limitation | Limitation | Limitation |
| Jacana----- | Very limited ~depth to bedrock (very limited) ~percs slowly (limited) | Very limited ~depth to bedrock (very limited) ~slope (moderately limited) | Very limited ~depth to bedrock (very limited) ~too clayey (limited) | Very limited ~depth to bedrock (very limited) | Very limited ~depth to bedrock (very limited) ~hard to pack (limited) ~too clayey (limited) |
| JcC: | | | | | |
| Jacana----- | Very limited ~percs slowly (very limited) ~depth to bedrock (very limited) ~slope (slightly limited) | Very limited ~depth to bedrock (very limited) ~slope (very limited) | Very limited ~depth to bedrock (very limited) ~too clayey (limited) ~slope (slightly limited) | Very limited ~depth to bedrock (very limited) ~slope (slightly limited) | Very limited ~depth to bedrock (very limited) ~hard to pack (limited) ~too clayey (limited) |
| Lr: | | | | | |
| Limestone rock land----- | Not rated | Not rated | Not rated | Not rated | Not rated |
| MaD2: | | | | | |
| Mariana----- | Very limited ~slope (very limited) ~percs slowly (limited) ~depth to bedrock (limited) | Very limited ~slope (very limited) ~depth to bedrock (limited) ~seepage (moderately limited) | Very limited ~depth to bedrock (very limited) ~slope (very limited) ~too acid (limited) | Very limited ~slope (very limited) ~depth to bedrock (moderately limited) | Very limited ~slope (very limited) ~hard to pack (limited) ~too acid (limited) |
| MaE2: | | | | | |
| Mariana----- | Very limited ~slope (very limited) ~percs slowly (limited) ~depth to bedrock (limited) | Very limited ~slope (very limited) ~depth to bedrock (limited) ~seepage (moderately limited) | Very limited ~slope (very limited) ~depth to bedrock (very limited) ~too acid (limited) | Very limited ~slope (very limited) ~depth to bedrock (moderately limited) | Very limited ~slope (very limited) ~hard to pack (limited) ~too acid (limited) |

Lajas Valley Area, Puerto Rico: Detailed Soil Map Legend

Sanitary Facilities--Continued

| Map symbol and soil name | Septic tank absorption field | Sewage lagoons | Sanitary landfill (trench) | Sanitary landfill (area) | Daily cover for landfill |
|--------------------------|---|--|---|--|--|
| | Limitation | Limitation | Limitation | Limitation | Limitation |
| PaA: Palmarejo----- | Slightly limited ~percs slowly (slightly limited) | Moderately limited ~seepage (moderately limited) | Limited ~too acid (limited) ~too clayey (limited) | Not limited | Limited ~too acid (limited) ~too clayey (moderately limited) |
| PaB: Palmarejo----- | Slightly limited ~percs slowly (slightly limited) | Moderately limited ~seepage (moderately limited) ~slope (moderately limited) | Limited ~too acid (limited) ~too clayey (limited) | Not limited | Limited ~too acid (limited) ~hard to pack (limited) ~too clayey (moderately limited) |
| PaC2: Palmarejo----- | Slightly limited ~percs slowly (slightly limited) ~slope (slightly limited) | Very limited ~slope (very limited) ~seepage (moderately limited) | Limited ~too acid (limited) ~too clayey (limited) ~slope (slightly limited) | Slightly limited ~slope (slightly limited) | Limited ~too acid (limited) ~too clayey (moderately limited) ~slope (slightly limited) |
| PcB: Poncena----- | Limited ~percs slowly (limited) | Slightly limited ~slope (slightly limited) | Limited ~too clayey (limited) | Not limited | Moderately limited ~too clayey (moderately limited) |
| PcC2: Poncena----- | Limited ~percs slowly (limited) ~slope (slightly limited) | Very limited ~slope (very limited) | Limited ~too clayey (limited) ~slope (slightly limited) | Slightly limited ~slope (slightly limited) | Moderately limited ~too clayey (moderately limited) ~slope (slightly limited) |

Lajas Valley Area, Puerto Rico: Detailed Soil Map Legend

Sanitary Facilities--Continued

| Map symbol and soil name | Septic tank absorption field | Sewage lagoons | Sanitary landfill (trench) | Sanitary landfill (area) | Daily cover for landfill |
|--------------------------|---|--|---|--|---|
| | Limitation | Limitation | Limitation | Limitation | Limitation |
| PoA: Pozo blanco----- | Slightly limited ~percs slowly (slightly limited) | Moderately limited ~seepage (moderately limited) | Slightly limited ~too clayey (slightly limited) | Not limited | Not limited |
| PzB: Pozo blanco----- | Slightly limited ~percs slowly (slightly limited) | Moderately limited ~seepage (moderately limited) ~slope (slightly limited) | Slightly limited ~too clayey (slightly limited) | Not limited | Slightly limited ~too clayey (slightly limited) |
| PzC: Pozo blanco----- | Slightly limited ~percs slowly (slightly limited) ~slope (slightly limited) | Very limited ~slope (very limited) ~seepage (moderately limited) | Slightly limited ~slope (slightly limited) ~too clayey (slightly limited) | Slightly limited ~slope (slightly limited) | Slightly limited ~too clayey (slightly limited) ~slope (slightly limited) |
| PzD: Pozo blanco----- | Very limited ~slope (very limited) ~percs slowly (slightly limited) | Very limited ~slope (very limited) ~seepage (moderately limited) | Very limited ~slope (very limited) ~too clayey (slightly limited) | Very limited ~slope (very limited) | Very limited ~slope (very limited) |
| Sa: San anton----- | Very limited ~flooding (very limited) ~percs slowly (slightly limited) | Very limited ~flooding (very limited) ~seepage (very limited) | Very limited ~flooding (very limited) ~seepage (limited) ~too clayey (moderately limited) | Very limited ~flooding (very limited) | Slightly limited ~too clayey (slightly limited) |
| Sc: San anton----- | Very limited ~flooding (very limited) ~percs slowly (slightly limited) | Very limited ~flooding (very limited) ~seepage (very limited) | Very limited ~flooding (very limited) ~too clayey (moderately limited) | Very limited ~flooding (very limited) ~seepage (limited) | Slightly limited ~too clayey (slightly limited) |

Lajas Valley Area, Puerto Rico: Detailed Soil Map Legend

Sanitary Facilities--Continued

| Map symbol and soil name | Septic tank absorption field | Sewage lagoons | Sanitary landfill (trench) | Sanitary landfill (area) | Daily cover for landfill |
|--------------------------|--|---|---|---|---|
| ----- | ----- | ----- | ----- | ----- | ----- |
| Se: | Limitation | Limitation | Limitation | Limitation | Limitation |
| San anton variant----- | Very limited ~flooding (very limited) ~poor filter (very limited) ~percs slowly (slightly limited) | Very limited ~flooding (very limited) ~seepage (very limited) | Very limited ~flooding (very limited) ~too sandy (very limited) ~seepage (very limited) | Very limited ~flooding (very limited) ~seepage (very limited) | Very limited ~seepage (very limited) ~too sandy (very limited) ~too clayey (slightly limited) |
| SgD: | | | | | |
| San german----- | Very limited ~depth to bedrock (very limited) ~slope (limited) | Very limited ~depth to bedrock (very limited) ~seepage (very limited) ~slope (very limited) | Very limited ~depth to bedrock (very limited) ~seepage (very limited) ~slope (limited) | Very limited ~depth to bedrock (very limited) ~slope (limited) | Very limited ~depth to bedrock (very limited) ~slope (limited) ~small stones (limited) |
| SgF: | | | | | |
| San german----- | Very limited ~depth to bedrock (very limited) ~slope (very limited) | Very limited ~slope (very limited) ~depth to bedrock (very limited) ~seepage (very limited) | Very limited ~slope (very limited) ~depth to bedrock (very limited) ~seepage (very limited) | Very limited ~depth to bedrock (very limited) ~slope (very limited) | Very limited ~depth to bedrock (very limited) ~slope (very limited) ~seepage (very limited) |
| SmE: | | | | | |
| San german----- | Very limited ~slope (very limited) ~percs slowly (slightly limited) ~large stones (slightly limited) | Very limited ~slope (very limited) ~large stones (limited) ~seepage (moderately limited) | Very limited ~slope (very limited) | Very limited ~slope (very limited) | Very limited ~slope (very limited) |

Lajas Valley Area, Puerto Rico: Detailed Soil Map Legend

Sanitary Facilities--Continued

| Map symbol and soil name | Septic tank absorption field | Sewage lagoons | Sanitary landfill (trench) | Sanitary landfill (area) | Daily cover for landfill |
|--------------------------|--|--|---|---|---|
| ----- | ----- | ----- | ----- | ----- | ----- |
| Sn: | Limitation | Limitation | Limitation | Limitation | Limitation |
| Santa isabel----- | Very limited ~percs slowly (very limited) ~wetness (slightly limited) | Not limited | Limited ~too clayey (limited) ~wetness (slightly limited) | Not limited | Limited ~too clayey (limited) ~hard to pack (limited) |
| SoA: | | | | | |
| Sosa----- | Limited ~percs slowly (limited) | Moderately limited ~seepage (moderately limited) ~slope (slightly limited) | Limited ~too clayey (limited) | Not limited | Moderately limited ~too clayey (moderately limited) |
| SsB: | | | | | |
| Sosa----- | Limited ~percs slowly (limited) | Moderately limited ~seepage (moderately limited) ~slope (moderately limited) | Limited ~too clayey (limited) | Not limited | Moderately limited ~too clayey (moderately limited) |
| SsD2: | | | | | |
| Sosa----- | Limited ~percs slowly (limited) ~slope (slightly limited) | Very limited ~slope (very limited) | Limited ~too clayey (limited) ~slope (slightly limited) | Slightly limited ~slope (slightly limited) | Moderately limited ~too clayey (moderately limited) ~slope (slightly limited) |
| Tc: | | | | | |
| Teresa----- | Very limited ~flooding (very limited) ~wetness (limited) ~percs slowly (limited) | Very limited ~flooding (very limited) ~wetness (very limited) | Very limited ~flooding (very limited) ~excess sodium (very limited) ~too clayey (limited) | Very limited ~flooding (very limited) ~wetness (slightly limited) | Very limited ~excess sodium (very limited) ~hard to pack (limited) ~too clayey (moderately limited) |
| Tf: | | | | | |
| Tidal flats----- | Not rated | Not rated | Not rated | Not rated | Not rated |

Lajas Valley Area, Puerto Rico: Detailed Soil Map Legend

Sanitary Facilities--Continued

| Map symbol and soil name | Septic tank absorption field | Sewage lagoons | Sanitary landfill (trench) | Sanitary landfill (area) | Daily cover for landfill |
|--------------------------------|--|--|---|---|--|
| ----- | ----- | ----- | ----- | ----- | ----- |
| | Limitation | Limitation | Limitation | Limitation | Limitation |
| Ts: Tidal swamp----- | Not rated | Not rated | Not rated | Not rated | Not rated |
| Va: Vayas----- | Very limited ~flooding (very limited) ~percs slowly (limited) ~wetness (limited) | Very limited ~flooding (very limited) ~wetness (limited) | Very limited ~flooding (very limited) ~too clayey (limited) ~wetness (moderately limited) | Very limited ~flooding (very limited) ~wetness (slightly limited) | Limited ~hard to pack (limited) ~too clayey (moderately limited) |
| Vo: Volcanic rock land----- | Not rated | Not rated | Not rated | Not rated | Not rated |
| W: Water----- | Not rated | Not rated | Not rated | Not rated | Not rated |